

From: Patterson, Kaleo
To: Hamayasu, Toru
CC: Miyamoto, Faith
Sent: 5/29/2009 8:15:27 AM
Subject: FW: Hawaiian Burials

Redacted

From: clark davenport [mailto:geoforensics@comcast.net]
Sent: Friday, May 29, 2009 5:24 AM
To: Patterson, Kaleo
Subject: Re: Hawaiian Burials

Thank you for your e-mail referencing methods for locating potential burials. I have attached a synopsis of Ground Penetrating Radar (GPR), which we wrote primarily for Law Enforcement. I recommend using GPR in concert with other non-intrusive methods.

In searching for clandestine graves (of murder victims) we focus on selecting potential targets, based on comparative (digital when possible)) analysis of historical and new aerial photography (which is problematic in highly vegetative areas), archaeological ground reconnaissance (including botany, pedology and geomorphology). Once potential targets are identified we investigate them with geophysical tools such as GPR, magnetics and/or electromagnetics. Please understand that most of our searches are focused on finding an individual grave, and much of our information comes from folks (suspects or informants) who really don't want to help!

Please realize that GPR will not locate human remains under most conditions. It will locate disturbances in the subsurface. The cause of those disturbances needs to be determined by intrusive methods (probing and/or excavation by archaeologists).

Should the Honolulu High Capacity Transit Corridor Project need assistance, we would be pleased to assist in designing exploration strategies, writing bid documents for geophysical work, selecting qualified contractors, providing oversight, and reviewing any deliverables.

Kind Regards
G. Clark Davenport
Forensic Geophysicist
GeoForensics International
California Registration #44

----- Original Message -----

From: "Kaleo Patterson" <kpatterson@honolulu.gov>
To: geoforensics@comcast.net
Sent: Thursday, May 28, 2009 4:18:45 PM GMT -07:00 US/Canada Mountain
Subject: Hawaiian Burials

Working on big Transit project – 20 miles

AR00135642

Anticipating Hawaiian Burials – want to do good survey and inventory

GPR here new. Want to look at development of GPR and other technologies.

Any information would be appreciated

Kaleo Patterson

Environmental Compliance

Honolulu High Capacity Transit Corridor Project

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